



# FACILITY COMPLIANCE INSPECTION REPORT

## Division of Waste Management Solid Waste Section

<b>UNIT TYPE:</b>												
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS		<b>COUNTY:</b> Guilford <b>PERMIT NO.:</b> SWCD41-02 <b>FILE TYPE:</b> COMPLIANCE
Closed MSWLF		HHW		White goods		Incineration		T&P		FIRM		
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO	<input checked="" type="checkbox"/>	SDTF		

**Date of Site Inspection:** 11/17/11

**Date of Last Inspection:** 05/12/11

**FACILITY NAME AND ADDRESS:**

Guilford College  
 5800 West Friendly Avenue  
 Greensboro, North Carolina 27410

**GPS COORDINATES:** N: 36.09692 E: 79.88847

**FACILITY CONTACT NAME AND PHONE NUMBER:**

Jim Dees, Environmental Sustainability Coordinator  
 336-316-2923  
 Cell Phone: 336-669-1066  
 e-mail: deesjh@guilford.edu

**FACILITY CONTACT ADDRESS:**

Same

**PARTICIPANTS:**

Jim Dees, Environmental Sustainability Coordinator  
 Hugh Jernigan, Solid Waste Section

**STATUS OF PERMIT:**

Compost Demonstration Project

**PURPOSE OF SITE VISIT:**

Site Inspection

**STATUS OF PAST NOTED VIOLATIONS:**

NONE

**OBSERVED VIOLATIONS**

NONE

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

**FACILITY COMPLIANCE INSPECTION REPORT**  
**Division of Waste Management**  
**Solid Waste Section**

Page 2 of 2

**ADDITIONAL COMMENTS**

1. The site is a compost demonstration project conducted by Guilford College.
2. The demonstration approval expires January 12, 2012.
3. Approved feed stocks are food waste, shredded cardboard, paper towels, yard waste, inorganic nitrogen (if needed for proper C:N ratios), and wood chips.
4. Composting is conducted by use of in-vessel composting systems. Two Earthtub composting vessels are utilized for the composting process.
5. Operation of the composting system is conducted by the college Environmental Sustainability program in conjunction with students of Guilford College.
6. The compost curing area is located at the community garden project. All composted material from the Earthtub vessels has been placed in the compost curing area, and no finished product has been utilized.
7. The compost curing area is marked with signage stating the material is unfinished compost and not for use.
8. **Note:** Final compost material is to be tested prior to utilization of the compost.
9. The Earthtubs have drains which could allow leachate effluent from the composting operation to a drainage area adjacent to the vessels. The drains are to be plugged, and if necessary the vessels are to be raised to allow a system of collection and proper disposal of any potential leachate.
10. Mr. Dees stated the current system is not properly sized for the amount of feed stock generated, and there have been operational problems with the system. Mr. Dees has contacted a composting equipment supply company concerning the utilization of another system.
11. A meeting is to be scheduled within 30 days to confer on the status of the demonstration project.

Please contact me if you have any questions or concerns regarding this inspection report.



Hugh Jernigan  
Environmental Senior Specialist  
***Regional Representative***

Phone: 336-771-5093

Sent on: 11/18/11	X	Email		Hand delivery		US Mail	Certified No. <u>  </u>
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Copies: Jason Watkins, Western District Supervisor  
Shawn McKee, Solid Waste Compliance Officer  
Michael Scott, Solid Waste Section Chief